

Ming Chi

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Education

- **University of Pittsburgh**
2014.9 – 2016.5
Master of Science in Information Science
GPA: 3.955
- **China University of Geosciences**
2010.9 – 2014.6
Bachelor of Engineering (GIS Major)
GPA: 3.39

Project Experience

- **Online Chat System**
Author. A social system with friends list, search, add friends and chat features, combining database, AJAX, servlets, jersey (only for some restful APIs) and JSON. Front-end applied bootstrap as CSS.
- **“StandingOut” – Social Resume System**
Main contributor. Builds front-end web pages including live resume editing interfaces and back-end servlets which would accept user uploaded pdf files, convert it into a JPG file in bytes form and then store it into database for later display in the resume gallery.
- **Distributed Database Query Server using Facebook PrestoDB**
Main contributor. Java restful server processing queries and generate results as back-end. Web page using bootstrap and knockout as front-end.
- **Mobile Game-like App for Java Learning**
UI designer & backend data extractor. Extracted backend server data (a huge complex JSON) and leave only the required information.
- **Digital Watermarking for Geo-Spatial Vector Data**
Bachelor Thesis Design. A plugin to the GIS platform with inserting watermark, verification, and testing watermark robustness based on a GIS platform “MapGIS 10”, with a C# UI lib and a C++ algorithm lib.
- **Prototype GIS System**
Main designer and contributor (UI, map layer control and zoom functions). An application programmed to have GIS mapping function, with vector editing and layer management, using C++, MFC, GDI & SQLServer, no open-source libraries applied.

Skills

- C/C++ (primary language, 5+ years of usage)
- Java, C#
- Html/CSS/Javascript/AJAX/JQuery/Bootstrap
- Servlets, JSP, RestAPI
- MySQL, SQLServer
- ArcGIS, Google Maps
- R, Python
- UI designing
- XML, JSON
- Android



For more images and information about projects, demos, self-developed apps:

Please visit: <http://ndsorrowchi.github.io/html/past-projects.html> or scan the QR code on the right.